

Receiving Report

Date: 13/1/9

Batch No: M126287

Supplier: CAMP

Dart P/O: 19788

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☐ No ☒
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☐ No ☒
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC6 Inspection ☒ 2MB0710 N/A ☐
 Work Order ☐ N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 [Signature]

Production/Admin: 13/1/9
 Date
 Received/Costing
 Initial

Location: _____

Page 1 of 1

All amounts are calculated in domestic currency.

All Vendors	PO ID PO19788	Receipt Dates from 7/9/2013 to 7/9/2013

All Item ID/GL/WOs All Rec. Employees

Grouped by Vendor ID

[illegible]

Certification

Order Number

806775

Customer: 00000226

Shipped To:

Customer Purchase Order No.	Customer Shipper No.	Material Type	Mat'l Heat Code	Lot Number
2128-SH		4140		
Process: NORMALIZE				

Test Desc	Specified	Qty Tested	Test Results	Qty Accepted	Qty Rejected
		0	PROCESS	0	0

Line#	Quantity	Weight	Part Number/Description	Revision ID
1	1	46.0	1.50" X 1.50" X 72.00"	
2	0	0.0	HEAT: 8097405	
3	0	0.0		
4	0	0.0	HT TO NORMALIZED COND.	

Operation	Spec Temp	Spec Time	Furnace#	Atmos	Q-Media	Start Date	Time At-Heat	Time Out	Date Complete
WT/CT/INSP	0								
PRE CLEAN	0								
NORMALIZE	1650	1:00	T6	AIR	A/C				
FINAL INSP	0								05/28/2013

COMMENTS

Donna Faith (QC)
 DONNA FAITH Q.A. ASST. Date Signed: May 28, 2013

PARTS WERE PROCESSED IN A MERCURY FREE ENVIRONMENT

MilSpec Heat Treating, Inc. certifies that the material above has been processed in accordance with the listed specifications, and that all information provided is true and accurate. The hardnesses indicated represent the parts in their present state of completion.

MILSPEC HEAT TREATING, INC.
 5882 Research Drive • Huntington Beach, CA 92649-1615
 Tel: (714)893-8188 • Fax: (714)893-8870

Printed: 05/15/2013 1:15:00PM

Page 1 of 1

Certification

Order Number

806188

Customer: 00000226

Shipped To:

Customer Purchase Order No.	Customer Shipper No.	Material Type	Mat'l Heat Code	Lot Number
2105-SH		4140		
Process: NORMALIZE				

Test Desc	Specified	Qty Tested	Test Results	Qty Accepted	Qty Rejected
		0	PROCESS	0	0

Line#	Quantity	Weight	Part Number/Description	Revision ID
1	1	46.0	1.50" X 1.50" X 72.00"	
2	0	0.0	HEAT: 8097405	
3	0	0.0		
4	0	0.0	HT TO NORMALIZED COND.	

Operation	Spec Temp	Spec Time	Furnace#	Atmos	Q-Media	Start Date	TimeAtHeat	Time Out	Date Complete
WT/CT/INSP	0								
PRE CLEAN	0								
NORMALIZE	1650	1:00	T6	AIR	A/C				
FINAL INSP	0								05/15/2013

COMMENTS

Donna Faith 
 DONNA FAITH Q.A. ASST. Date Signed: May 15, 2013

PARTS WERE PROCESSED IN A MERCURY FREE ENVIRONMENT

MilSpec Heat Treating, Inc. certifies that the material above has been processed in accordance with the listed specifications, and that all information provided is true and accurate. The hardnesses indicated represent the parts in their present state of completion.

> Could you please quote?

> Let me know if you need any more information.

Thank you!

Republic

156 CATHAM STREET
PHOEN: 330-438-5624

HAMILTON, ONTARIO CANADA L8P 2P7
FAX: 330-438-5696

CERTIFICATE OF TESTS

REPUBLIC ENGINEERED PRODUCTS

August 9, 2011

PAGE 1

OF 2

PURCHASE ORD: 46464-4
PART NUMBER: SF 51530
ORDER NUMBER: 1478494 - 01
HEAT: B097405
CHARGE ADDRESS

PURCHASE ORDER DATE: 2/16/2011
ACCOUNT NUMBER: 5323-1291-01
SCHEDULE: 9159-03
REVISION: 1

SHIP TO

MATERIAL DESCRIPTION

COLD FINISHED STEEL BARS ALLOY ASTM A108-07 LEVEL 1 FG ASTM A331-95 FG AMS 6382N (CP) AMS S 5626
COND C-4 REVISION ISS 12/98 EXC PARA 4.3.164.12.1 & MARK MIL S 5626C & AMD 1 COND C-4 EXC MARK &
PARA 4.3.164.12.1 WAIVED AMS 2301K AMS 2304B REVISION DTD 08-10 AMS 6349C EXC THERMAL TREATMENT
EF-AISI-4140 FINE GRAIN VACUUM DEGAUSS AIRCRAFT QUALITY COLD DRAWN ANN BEFORE CD
SIZE: SQR 1.5000 X 1.5000 X 11FT 0.0000IN MIN/ 13FT 0.0000IN MAX
SQR 38.1000MM X 38.1000MM X 3352.8000MM MIN/ 3962.4000MM MAX

LADLE CHEMISTRY %

C	MN	P	S	SI	CU	NI	CR
0.40	0.87	0.010	0.005	0.22	0.21	0.18	0.96
V	MO	SN	AL	CB	CA	N	
0.003	0.21	0.008	0.041	0.000	0.0001	0.0085	

CALCULATED TESTS

REDUCTION RATIO 57.8 TO 1

AUSTENITIC GRAIN SIZE 5 OR FINER BASED ON A TOTAL ALUMINUM CONTENT EQUAL TO OR GREATER THAN .020% PER
ASTM A29.

SEMI - FINISHED RESULTS

JOHNSON HARDNESS TEST

SAE J406/ASTM A255

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 18 20 22 24 26 28 30 32
57 57 57 56 56 56 56 56 55 54 54 53 51 50 48 47 45 44 42 40 39 39 37 37

MACRO ETCH TEST

ASTM E381/MIL STD 430

ETCHANT: HCL TEMPERATURE: 170

AVG 1 1 1

MAGNETIC PARTICLE TEST

AMS 2301 AMS2304 AMS2300

IND AVG IND AVG

FREQ FREQ SEV SEV

PCE 03 0 0 0 0

MAGNETIC PARTICLE TEST

AMS 2301 AMS2304 AMS2300

IND AVG IND AVG

FREQ FREQ SEV SEV

PCE 03 0 0 0 0

FINISHED SIZE RESULTS

DECARBURIZATION TEST

SAE J419/ASTM E1077/JIS G0558

ETCHANT = NITAL MAGNIFICATION = 100X

TOTAL
DEPTH
INCHES

A.G.M. 305-1 KNICKERBOCKER AVE

BOHEMIA N.Y. 11716

CERTIFIES THAT THIS IS

A TRUE COPY OF THE ORIGINAL MILL TEST

REPORT NOW ON FILE

RECEIVED AND INSPECTED

Date: 5/27/17

P: 631-286-8570

F: 631-286-8583

BY

Sean Hall - QC Manager

H. J. EBERTH

BY GEOFF BOAL

GEN. MGR. COLD FINISHED BAR PRODUCTS DIV.



155 CATHAM STREET
PHONE: 330-438-5594

HAMILTON, ONTARIO CANADA L8P2R7
FAX: 330-438-5595

CERTIFICATE OF TESTS

REPUBLIC ENGINEERED PRODUCTS

August 9, 2011
PAGE 2

OF 2

PURCHASE ORD: 46464-4
PART NUMBER: S# 51530
ORDER NUMBER: 1478494 - 01
HEAT: 8097405
PCE 01 0.012

PURCHASE ORDER DATE: 2/16/2011
ACCOUNT NUMBER: 5323-1291-01
SCHEDULE: 9159-03
REVISION: 1

HARDNESS TEST ASTM E10/ASTM A370 HBW AS-RLD/CD HBW
SURFACE
PCE 01 202

FINISHED SIZE RESULTS (CONTINUED)
HARDNESS TEST ASTM E10/ASTM A370 HBW (CONTINUED)

SURFACE
PCE 02 202
PCE 03 202
PCE 04 202
PCE 05 202

NOTES

REPUBLIC ENGINEERED PRODUCTS HEREBY CERTIFY THAT THE MATERIAL LISTED HEREIN HAS BEEN INSPECTED AND TESTED IN ACCORDANCE WITH THE METHODS PRESCRIBED IN THE GOVERNING SPECIFICATIONS AND BASED UPON THE RESULTS OF SUCH INSPECTION AND TESTING HAS BEEN APPROVED FOR CONFORMANCE TO THE SPECIFICATIONS.

CERTIFICATE OF TESTS SHALL NOT BE REPRODUCED EXCEPT IN FULL.

ALL TESTING HAS BEEN PERFORMED USING THE CURRENT REVISION OF THE TESTING SPECIFICATIONS.

RECORDING OF FALSE, FICTITIOUS OR FRAUDULENT STATEMENTS OR ENTRIES ON THIS DOCUMENT MAY BE PUNISHED AS A FELONY UNDER FED STATUTES TITLE 18 CHAPTER 47.

THE MATERIAL WAS NOT EXPOSED TO MERCURY OR ANY METAL ALLOY THAT IS LIQUID AT AMBIENT TEMPERATURE DURING PROCESSING OR WHILE IN OUR POSSESSION.

NO WELD OR WELD REPAIR WAS PERFORMED ON THIS MATERIAL.

THE RESULTS REPORTED RELATE ONLY TO THE ITEMS TESTED

MELTED IN THE U.S.A. AND MANUFACTURED IN THE U.S.A. OR CANADA.

SOURCE INFORMATION

MELT SOURCE: CANTON CAST ROLL MELT COUNTRY: U.S.A
MELT METHOD: EF BLOOM RED. RATIO: 57.8

END OF DATA CC END OF DATA
FILE 1 COPY

A.G.M. 305-1 KNICKERBOCKER AVE
BOHEMIA N.Y. 11716
CERTIFIES THAT THIS IS
A TRUE COPY OF THE ORIGINAL MILL TEST
REPORT NOW ON FILE
RECEIVED AND INSPECTED

Date: 8/27/13
P: 631-286-8570
F: 631-286-8583

BY

Sean Hall - QC Manager

M. J. EBERTH
GEN. MGR. COLD FINISHED BAR PRODUCTS DIV.



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO19788

Purchase Order Date 5/06/13

PO Print Date 5/06/13

Page Number 1 of 1

Order From :

VC-CAM002

CAMPI STEEL
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

Contact Name

Vendor Phone

800 667 4248

Vendor Fax

450 377 5696

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED
5/13/0507

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M4140N-B1.500X1.5000	4140 Steel Bar 1.50 x 1.50	5/17/13 Yes	12.00 f	Yours ppd	\$91.6666	\$1,100.00

Special Inst: MATERIAL: AISI 4140N STEEL BAR AS
PER
MIL-S-5626, AMS 6382, AMS6349, AMS
6529

PO Total:

\$1,100.00

**MATERIAL CERTIFICATION
REQ'D UPON DELIVERY**

Change Nbr: 1

Change Date: 5/06/13

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required **YES** NO